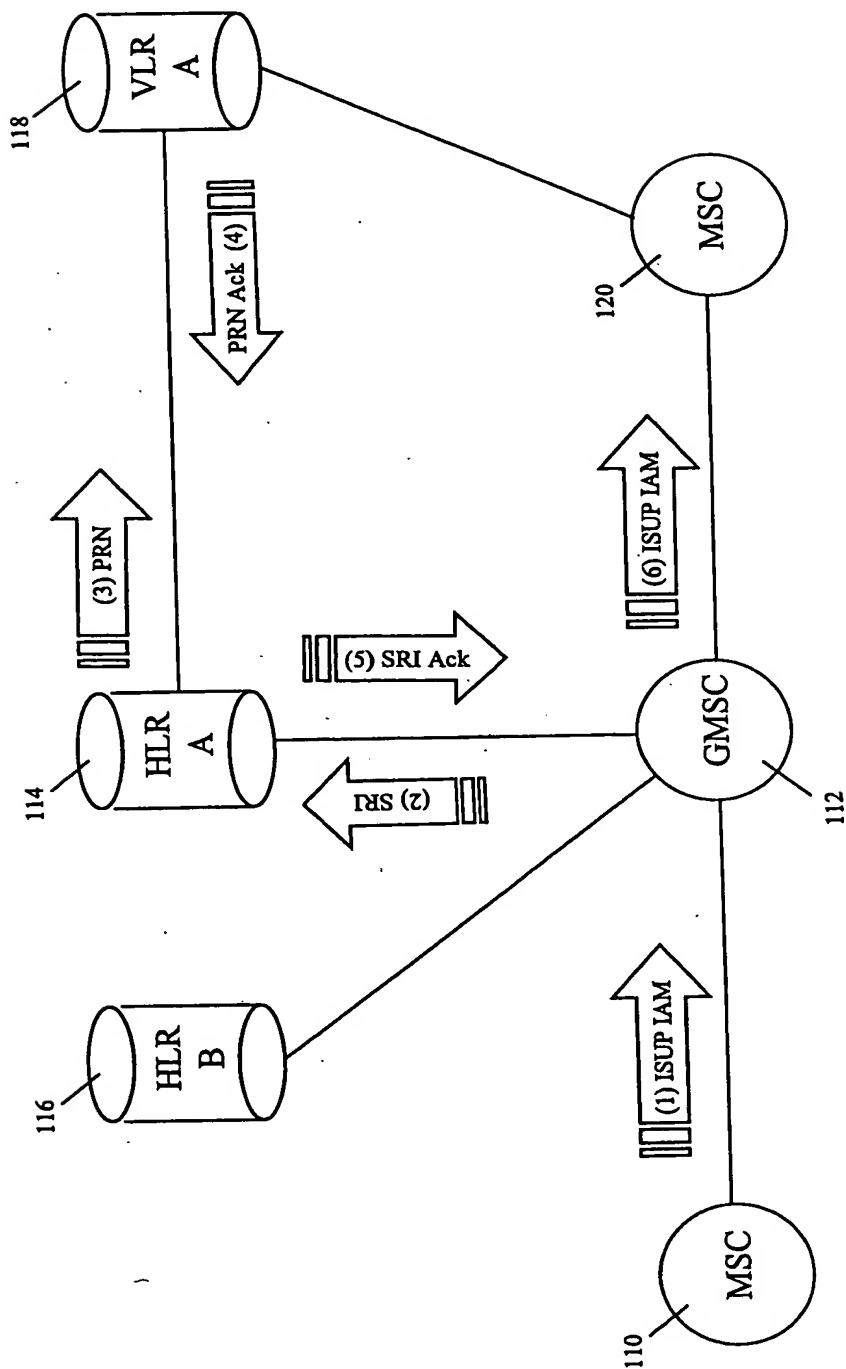
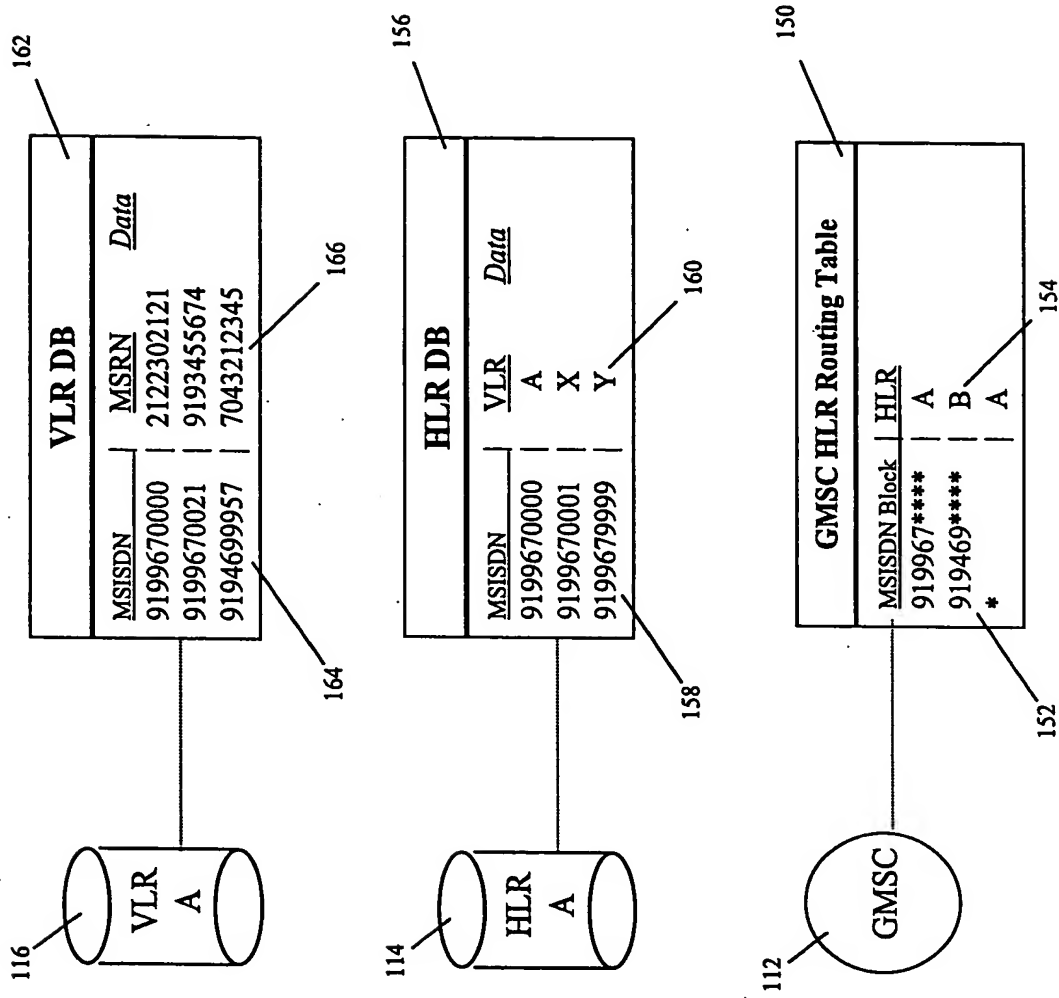


100 →



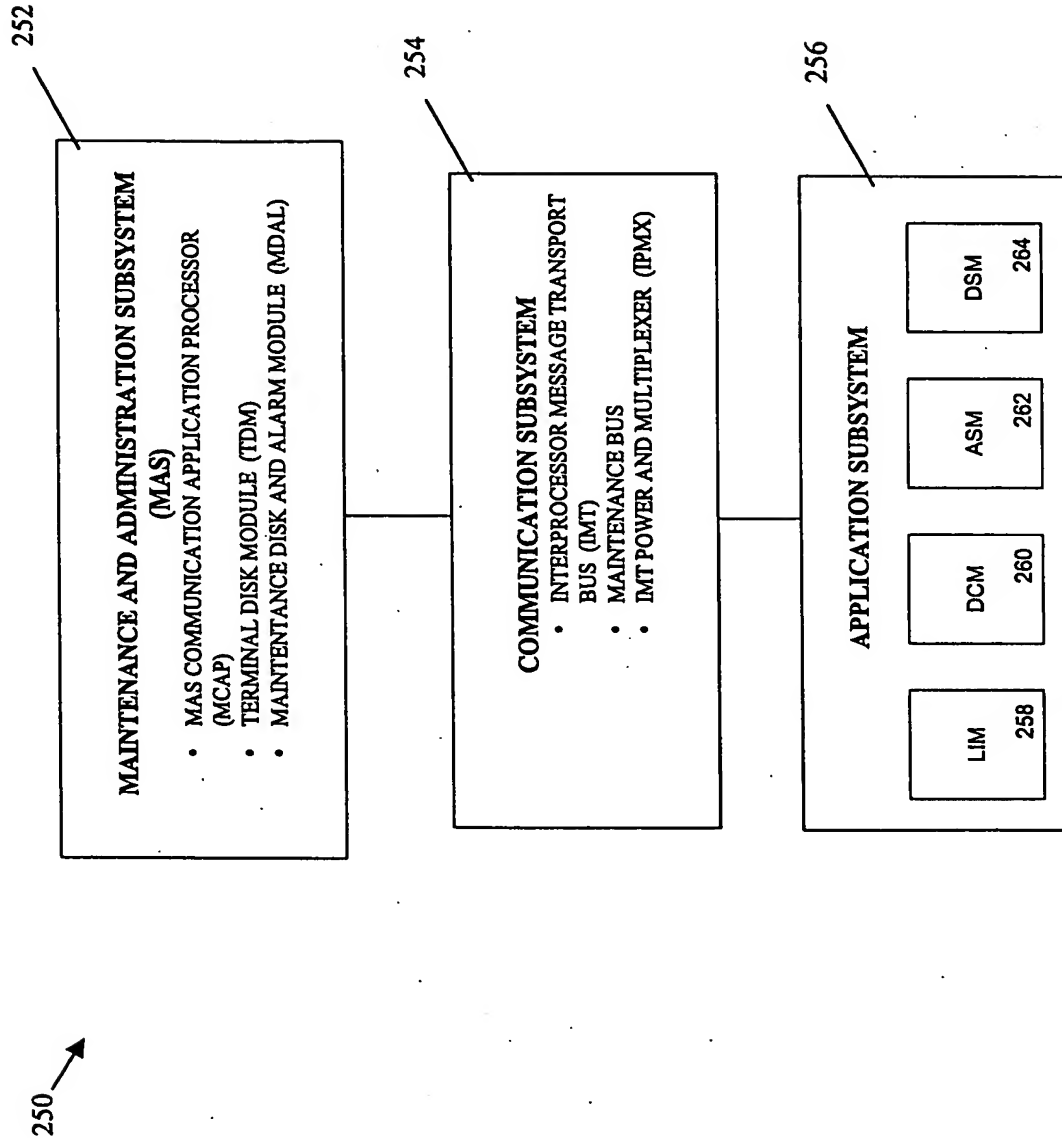
(PRIOR ART)

Figure 1



(PRIOR ART)

Figure 2



(PRIOR ART)

Figure 3

300

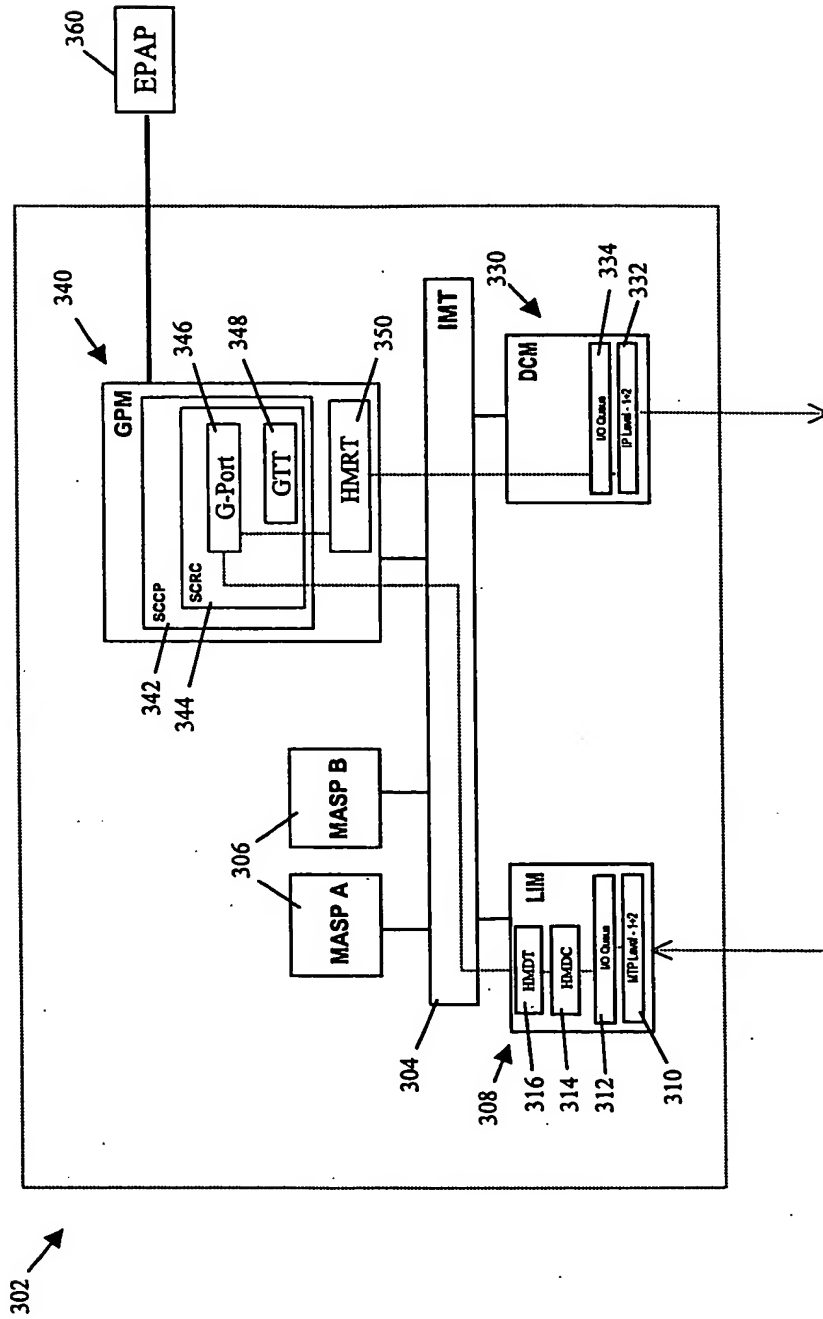


Figure 4

370 →

G-PORT DATA TABLE									
KEY(s)		DATA FIELDS							
MSISDN	Entity	PC	SSN	RI	ENTITY ADDRESS	RN	NP Status	IMSI	D-Action
372 / 9193803833	374 / HLR	376 / 4-0-0	378 / 6	380 / RT-ON-SSN	382 / 3023211234 (HLRA)	384 / -	386 / Not Ported	388 / 91922220000	389 / None
452 / 2123675637	HLR	4-0-1	6	RT-ON-SSN	2023211234 (HLRB)	-	Not Ported	91922220001	None
450 / 7704545731	HLR	4-0-0	6	RT-ON-SSN	3033211234 (HLRA)	-	Not Ported	91922220002	None
	HLR	5-0-0	-	RT-ON-GT	-	9194326567	Ported Out	91922220003	Replace
	EIR	-	-	RT-ON-GT	-	9194326433	Ported Out	91922220003	Append
	HLR	-	-	-	-	-	NKTBP	9193452200	None

Figure 5a

390 →

G-T DATA TABLE									
KEY RANGE		DATA FIELDS							
MINIMUM	MAXIMUM	PC	SSN	RI	TT				
392 / MSISDN	394 / MSISDN	396 / 4-0-1	398 / 6	400 / RT-ON-SSN	402 / 4				
9193800000	9193809999	4-0-1	6	RT-ON-SSN	4				
9194690000	9194699999	4-0-1	6	RT-ON-SSN	4				
7704540000	7704549999	4-0-1	6	RT-ON-SSN	5				
9105660000	9105669999	4-0-1	6	RT-ON-SSN	4				

454 →

Figure 5b

300

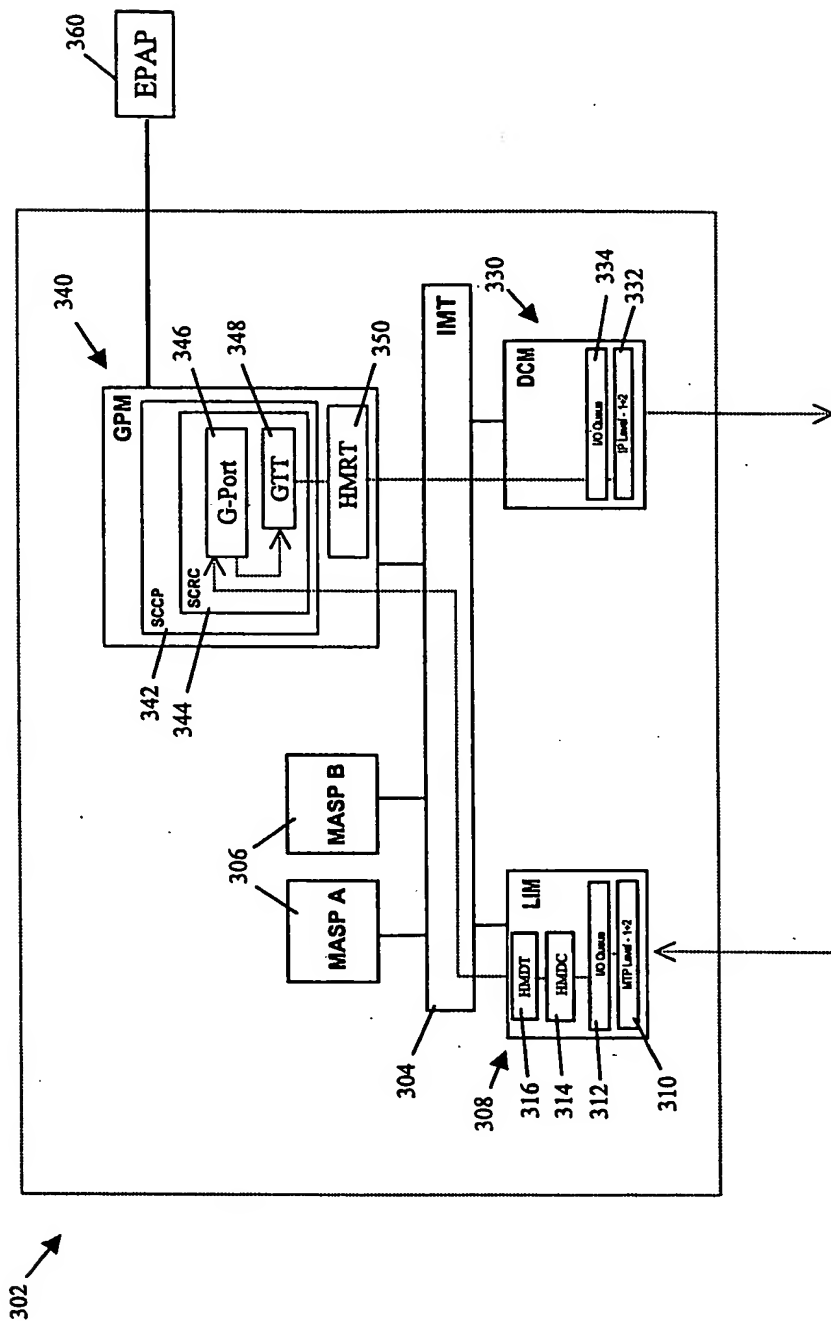


Figure 6

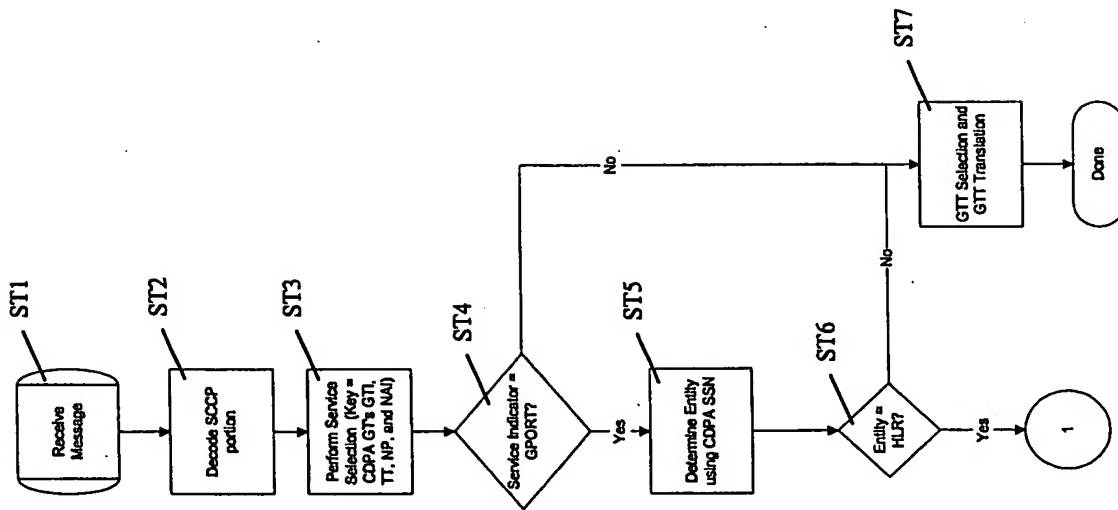


Figure 7a

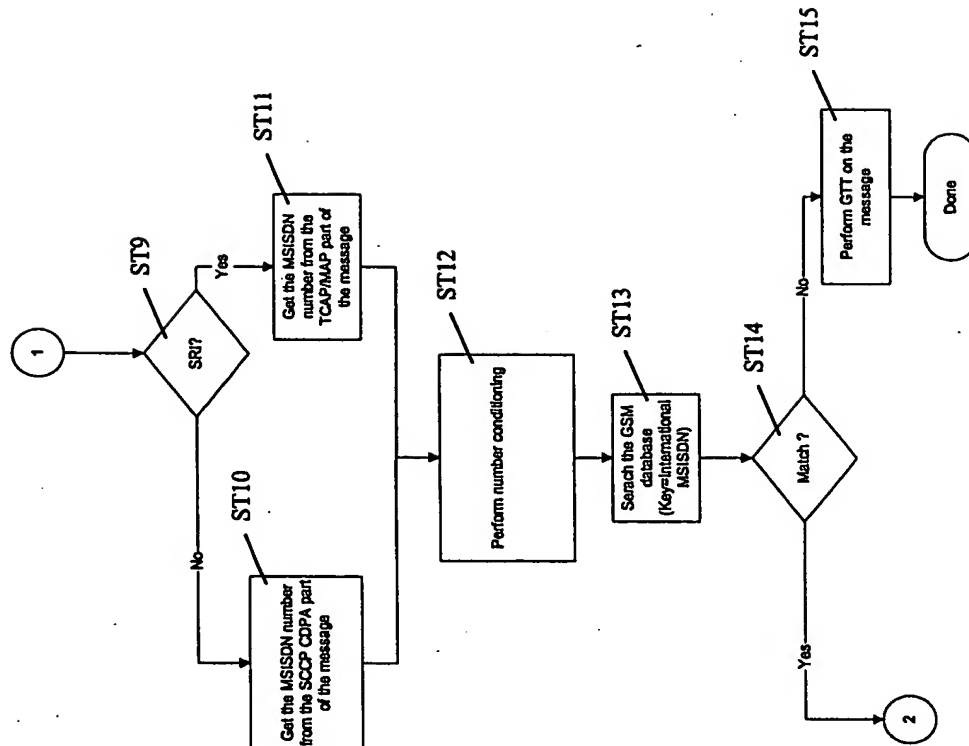


Figure 7b



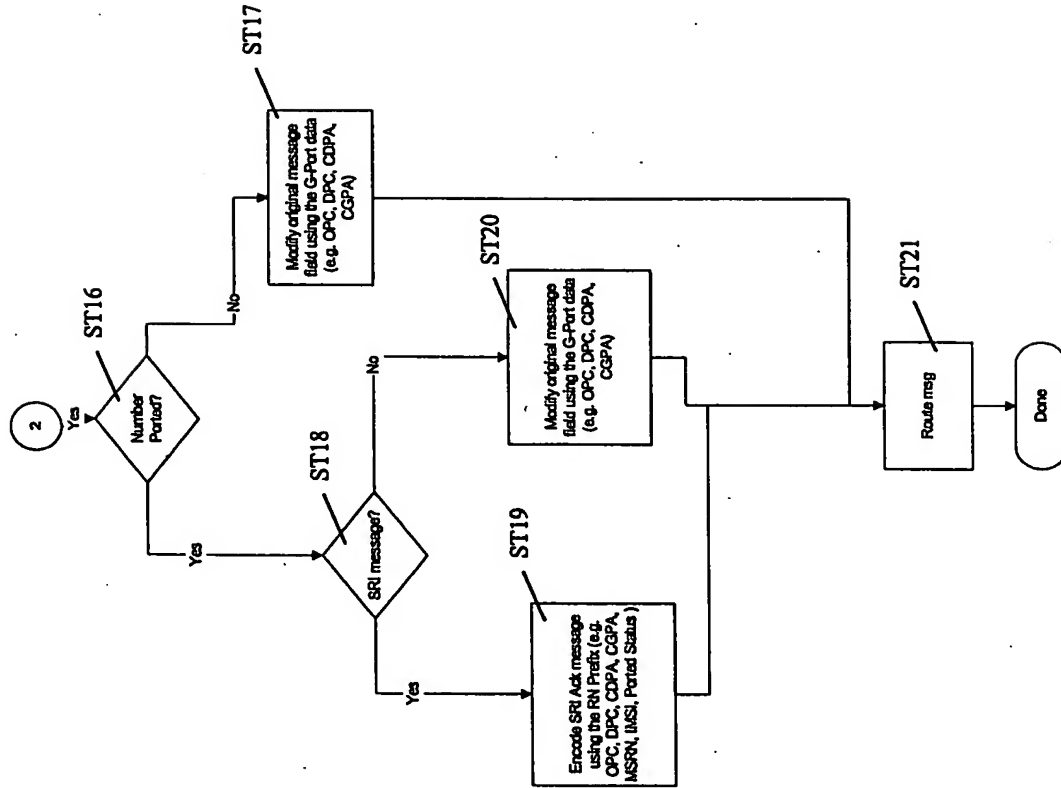


Figure 7c

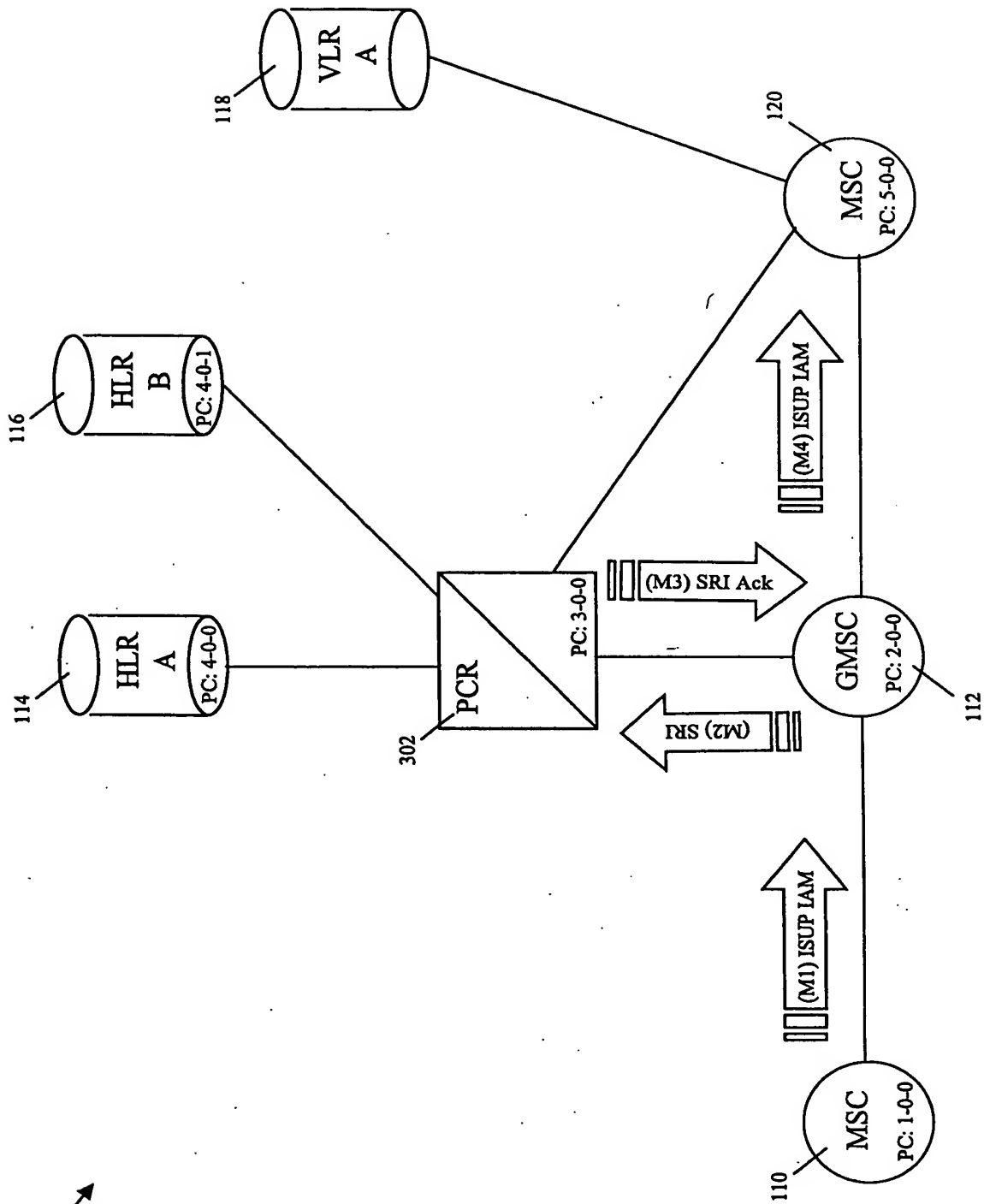


Figure 8

300 →

		M2	M3
	PARAMETER	SRI	SRI Ack
400	<u>MTP</u>		
402	OPC	2-0-0	3-0-0
	DPC	3-0-0	2-0-0
404	SIO	SCCP	SCCP
	<u>SCCP</u>		
	CGPA		
406	PC-SSN	2-0-0: 7	3-0-0: 7
408	RI	RT-ON-SSN	RT-ON-SSN
	CDPA		
410	PC-SSN	6	2-0-0:7
	GTD	9193803414	—
412	TT	10	—
414	GTI	4	—
416	NP	1	—
418	NAI	3	—
420	RI	RT-ON-GT	<i>RT-ON-SSN</i>
	<u>TCAP / MAP</u>		
422	MSISDN NP	1	—
424	MSISDN NAI	3	—
426	MSISDN DIGITS	9193803414	—
428	MSRN NP	—	1
430	MSRN NAI	—	3
432	MSRN DIGITS	—	<i>9194326567</i>
434	PORT STATUS	—	<i>Ported Out</i>

Figure 9

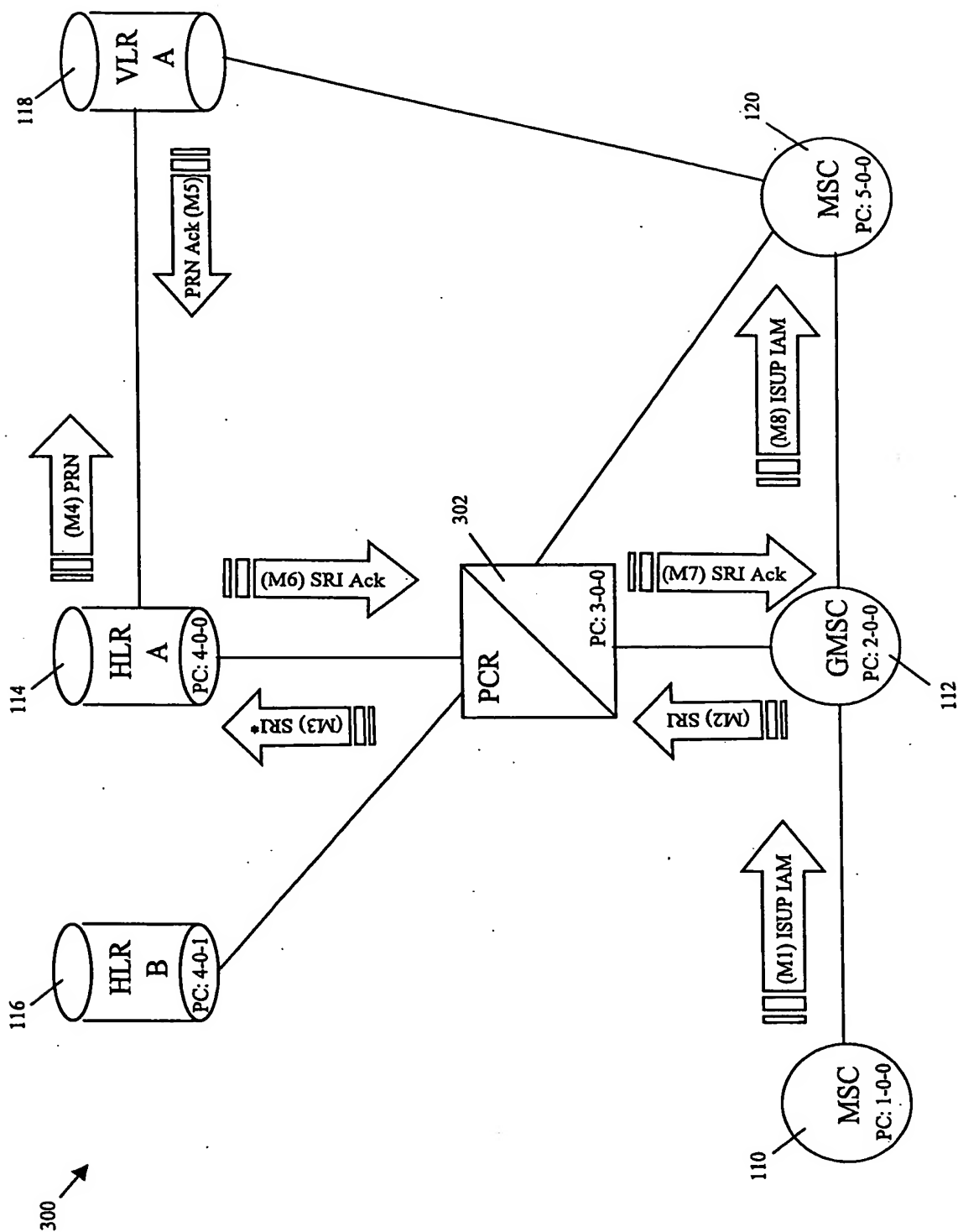


Figure 10

		M2 SRI	M3 SRI*
	<u>MTP</u>		
400	OPC	2-0-0	3-0-0
402	DPC	3-0-0	4-0-0
404	SIO	SCCP	SCCP
	<u>SCCP</u>		
	CGPA		
406	PC-SSN	1-0-0: 7	1-0-0: 7
408	RI	RT-ON-SSN	
	CDPA		
410	PC-SSN	6	6
	GTD	7704545731	7704545731
412	TT	10	10
414	GTI	4	4
416	NP	1	1
418	NAI	3	3
420	RI	RT-ON-GT	<i>RT-ON-SSN</i>
	<u>TCAP / MAP</u>		
422	MSISDN NP	1	1
424	MSISDN NAI	3	3
426	MSISDN DIGITS	7704545731	7704545731
428	MSRN NP	—	—
430	MSRN NAI	—	—
432	MSRN DIGITS	—	—
434	PORT STATUS	—	—

Figure 11

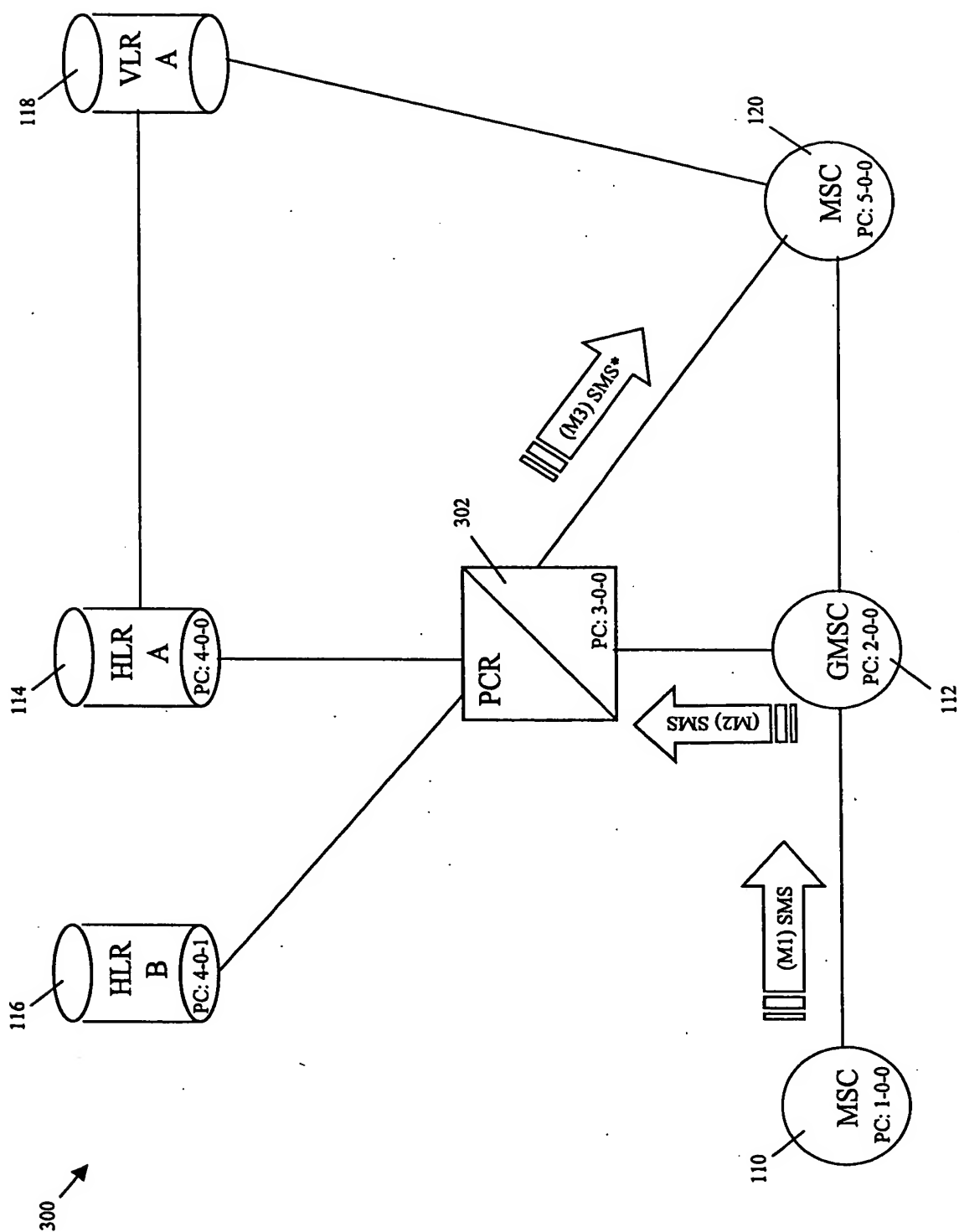


Figure 12

		M2	M3
	PARAMETER	SMS	SMS*
400	<u>MTP</u>		
402	OPC	2-0-0	3-0-0
404	DPC	3-0-0	5-0-0
	SIO	SCCP	SCCP
	<u>SCCP</u>		
	CGPA		
406	PC-SSN	1-0-0: 7	1-0-0: 7
408	RI	RT-ON-SSN	RT-ON-SSN
	CDPA		
410	PC-SSN	6	6
	GTD	9193803414	9194326567
412	TT	10	10
414	GTI	4	4
416	NP	1	1
418	NAI	3	3
420	RI	RT-ON-GT	<b>RT-ON-GT</b>
	<u>TCAP / MAP</u>		
422	MSISDN NP	1	1
424	MSISDN NAI	3	3
426	MSISDN DIGITS	9193803414	9193803414

Figure 13

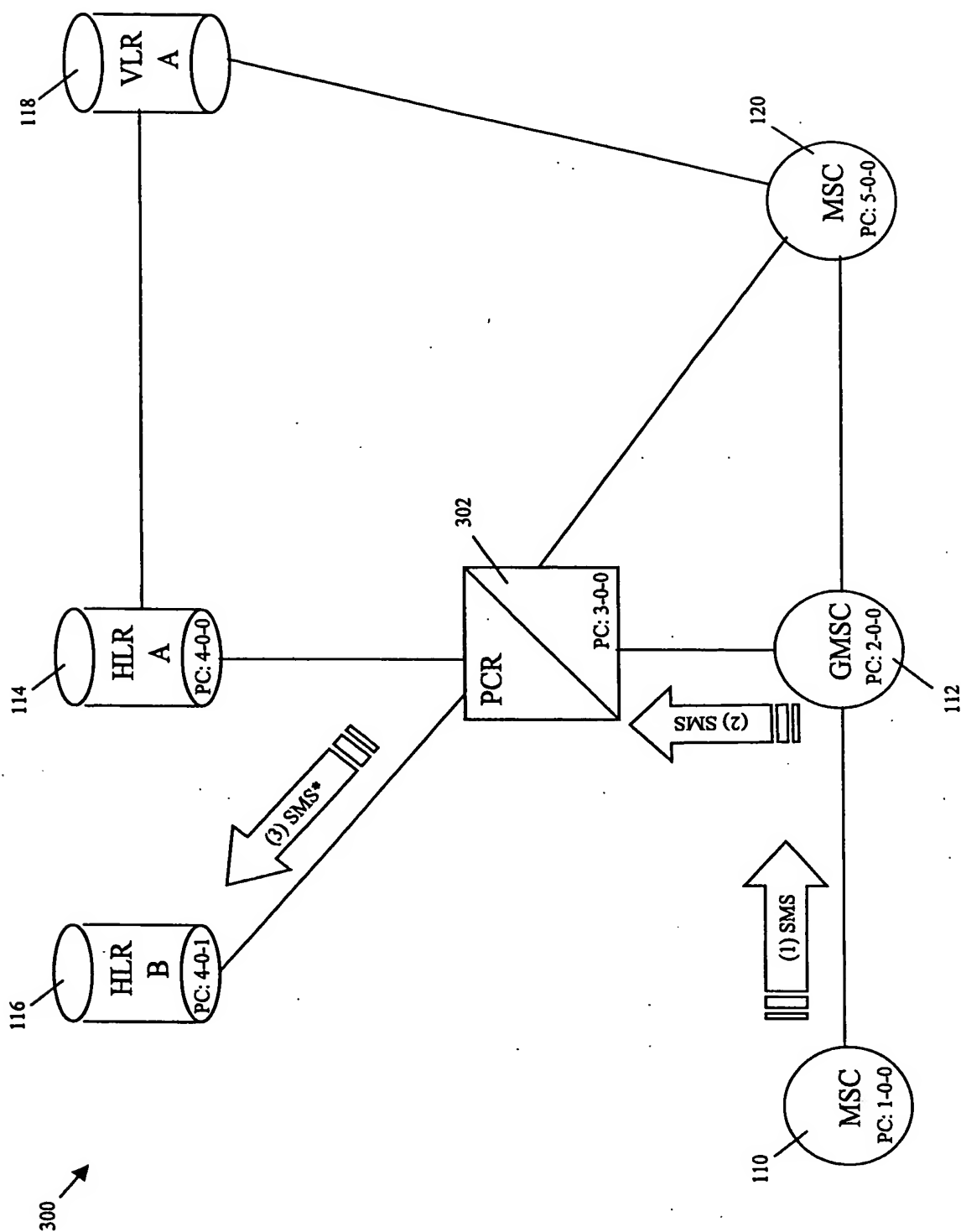


Figure 14



		M2	M3
	PARAMETER	SMS	SMS*
400	<u>MTP</u>		
402	OPC	2-0-0	3-0-0
404	DPC	3-0-0	4-0-1
	SIO	SCCP	SCCP
	<u>SCCP</u>		
	CGPA		
406	PC-SSN	1-0-0: 7	1-0-0: 7
408	RI	RT-ON-SSN	RT-ON-SSN
	CDPA		
410	PC-SSN	6	6
	GTD	9193800001	9193800001
412	TT	10	10
414	GTI	4	4
416	NP	1	1
418	NAI	3	3
420	RI	RT-ON-GT	<i>RT-ON-SSN</i>
	<u>TCAP / MAP</u>		
422	MSISDN NP	1	1
424	MSISDN NAI	3	3
426	MSISDN DIGITS	9193800001	9193800001

Figure 15